

## CLAIMS

1. Method for encryption of data in a process automation network, characterized in that the data are encrypted in a network-connected control-unit, in a separate, exchangeable software module.
2. Method as claimed in claim 1, characterized in that the software module meets the FDT/DTM standard.
3. Method as claimed in claim 1, characterized in that, serving as runtime environment for the software module, is an FDT frame application, which runs in the control unit.